

Final Exam. Medical Doctorate in Histology
Course Title: General Histology
Code: HIST900
Date: 14/11/2020
Time Allowed: Three hours
Total Assessment Marks: 450 marks



Tanta University
Faculty of Medicine
Department of Histology

Answer all the following Questions

(Illustrate your answers with labeled diagrams):

Q1- Give a full account on the different forms of programmed cells deaths and describe the main electron microscopic features.	50 marks
Q2- Describe in details the structure of human chromosomes and their structural aberrations.	50 marks
Q3- Give an account on the different structural specializations of both apical and basal surfaces of the cell reflecting specific cell function.	40 marks
Q4- Give an account on ultrastructure and molecular structure of skeletal muscle fibers correlated them with the mechanism of contraction.	60 marks
Q5- Give a full account on blood capillaries with reference to their structure function relationship.	50marks
Q6- Discuss the histological structure of processes of neurons with reference to transport of small and large molecules along them .	40 marks
Q7- Describe in details the structure and function of cells involved in immune responses.	60 marks
Q8- Discuss the types of epithelial reticular cells and correlate their function to the blood thymic barrier.	50 marks
Q9- Give an account on the structure of bone cells in relation to each other and to their function.	50 marks

GOOD LUCK

Exam committee:

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